

NOTICE OF MEETING NPDES TECHNICAL ADVISORY COMMITTEE (TAC)

**TUESDAY, OCTOBER 15, 2013 – 10 AM to NOON
SAN MATEO MAIN LIBRARY, OAK ROOM
55 WEST THIRD AVENUE, SAN MATEO
(See location map on back)**

AGENDA

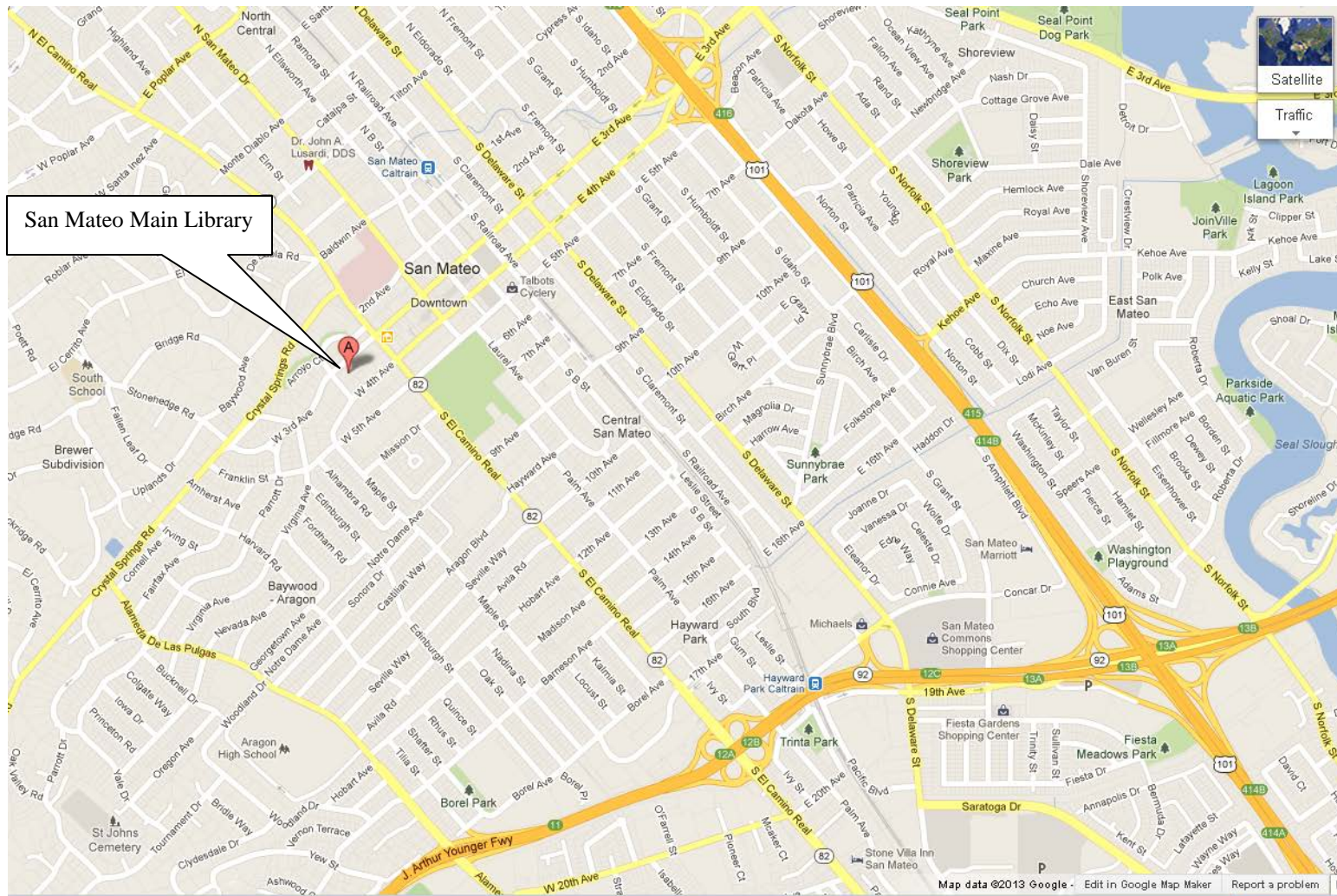
- 1. INTRODUCTIONS, ANNOUNCEMENTS, AGENDA REVISIONS – MATT FABRY, Countywide Program Coordinator**
- 2. PUBLIC COMMENT ON ITEMS NOT ON THE AGENDA (limited to two minutes per speaker)**
- 3. APPROVAL OF MINUTES FROM PREVIOUS MEETING**
- 4. REGULAR AGENDA**
 - A. INFORMATION – MUNICIPAL REGIONAL PERMIT REISSUANCE (MATT FABRY)**
 - B. INFORMATION – UPDATE ON POTENTIAL COUNTYWIDE FUNDING INITIATIVE (MATT FABRY)**
 - C. INFORMATION – MRP COMPLIANCE OVERVIEW/QUARTERLY CHECK-IN (JON KONNAN, EOA)**
 - D. INFORMATION – OTHER ISSUES, SUBCOMMITTEE UPDATES**
- 5. NEXT MEETING – JANUARY 21, 2014**

Post by 5:00 P.M., Friday, October 11, 2013

NOTE: Persons with disabilities who require auxiliary aids or services in attending and participating in this meeting should contact Matthew Fabry at 650-599-1419, five working days prior to the meeting date.

Public records that relate to any item on the agenda for a regular NPDES Technical Advisory Committee (TAC) meeting are available for public inspection. Those records that are distributed less than 72 hours prior to the meeting are available for public inspection at the same time they are distributed to all members, or a majority of the members of the TAC. The TAC has designated C/CAG's office at 555 County Center, 4th Floor, Redwood City, for purpose of making those public records available for inspection. The documents are also available on the Countywide Program's website at www.flowstobay.org, and C/CAG's website, at the link for agendas for upcoming meetings. The website is: <http://www.ccag.ca.gov>.

MEETING LOCATION
San Mateo Main Library, Oak Room, 55 West Third Avenue, San Mateo
(PARK IN LIBRARY'S UNDERGROUND GARAGE)



NPDES Technical Advisory Committee Agenda Report

Date: October 15, 2013
Item: 3
From: Matthew Fabry, Program Coordinator
Subject: Approval – NPDES TAC meeting minutes – April 16, 2013

Summary

The attached minutes were recorded from notes taken at the subject meeting.

Recommendation

Approve April 16, 2013 NPDES Technical Advisory Committee meeting minutes as drafted.

Attachments

Draft Minutes from April 16, 2013 NPDES Technical Advisory Committee Meeting

**NPDES Stormwater
Technical Advisory Committee (TAC)
REPORT OF MEETING**

**TUESDAY, APRIL 16, 2013
9:30 to NOON
CITY OF SAN MATEO**

- 1. INTRODUCTIONS, ANNOUNCEMENTS, AND AGENDA REVISIONS:** Self-introductions were made. Matt Fabry, Program Coordinator, provided a brief update on the consultant-led efforts related to the potential countywide funding initiative, including plans for EOA to interview all jurisdictions to assess current and future funding needs and sources of revenue.
- 2. PUBLIC COMMENT - NONE**
- 3. ADOPTION OF MEETING MINUTES -** The January minutes were adopted as written.
- 4. REGULAR AGENDA**
 - A. INFORMATION – REGULATORY COMPLIANCE SERVICES PORTION OF PRELIMINARY 2013-14 COUNTYWIDE PROGRAM BUDGET:** Staff provided a brief overview of the Countywide Program's anticipated budget impacts for providing technical support services for the member agencies for the remainder of the Municipal Regional Permit term and a summary of proposed technical support services to be provided by EOA. These services include planned workshops/trainings, subcommittee support, provision-specific support such as for trash load reduction requirements, and compliance activities on behalf of member agencies, such as for the monitoring and pollutants of concern (mercury and PCBs) provisions. Staff requested TAC representatives work with their Stormwater Committee representatives to review the proposed services in order for those representatives to provide feedback at their May 16 Committee meeting.
 - B. INFORMATION – PROVISION C.2/C.4/C.5/C.9 UPDATE:** Kristin Kerr (EOA, Inc.) provided a summary of compliance activities and concerns related to Municipal Regional Permit Provisions C.2 (Municipal Operations), C.4 (Industrial and Commercial Site Controls), C.5 (Illicit Discharge Detection and Elimination), and C.9 (Pesticides Toxicity Control).
 - C. INFORMATION – PROVISION C.10 TRASH UPDATE:** Chris Sommers (EOA, Inc.) provided a presentation on the current status of discussions with Regional Water Board staff on meeting the Provision C.10 Trash Load Reduction requirements. He also addressed what C/CAG member agencies need to do over the next year to develop Long-Term Trash Load Reduction Plans and what support EOA would provide under contract with C/CAG.
 - D. INFORMATION – OTHER:** EOA staff provided a draft quarterly compliance check-in spreadsheet for review and comment by committee representatives. The spreadsheet details activities that member agencies need to be implementing on a quarterly basis as a means of ensuring that certain requirements don't slip through the cracks. EOA requested comments within two weeks and would plan to provide updated versions at future quarterly TAC meetings.
- 5. NEXT MEETING**

The next meeting is scheduled for July 16th at the Oak Room in the San Mateo Main Library.

MEETING ADJOURNED

C/CAG AGENDA REPORT

Date: October 15, 2013
Item: 4A
From: Matthew Fabry, Program Coordinator
Subject: Municipal Regional Permit Reissuance

SUMMARY

Staff will outline the overall process and timing for reissuance of the Municipal Regional Permit in late 2014 and summarize initial discussions with Regional Water Board staff regarding major issues to be addressed through the reissuance process.

BACKGROUND/DISCUSSION

The Municipal Regional Permit (MRP) went into effect on December 1, 2009. As a National Pollutant Discharge Elimination System (NPDES) permit, it has a five-year term and expires on November 30, 2014. Regional Board staff has indicated its intent to pursue timely reissuance of the permit. Permittees are required to submit an application for reissuance, called a Report of Waste Discharge (ROWD), no later than 180 days prior to the permit's expiration date. As such, an ROWD is due to the Regional Board by the beginning of June, 2014. Although the final format of an ROWD is still to be determined, it is likely there will be individual, countywide, and regional components.

The MRP was designed to require a variety of technical reports near the end of the permit term that would inform or become part of the ROWD. This includes the Integrated Monitoring Report, due March 2014, that will detail the results of all of the Provision C.8 Water Quality Monitoring activities as well as the pilot study efforts to address Mercury and PCBs under Provisions C.11 and C.12, the Feasibility and Pilot Green Streets Reports required under Provision C.3 (previously discussed under a separate agenda item), municipal Long-Term Trash Reduction Plans due February 2014, and other permit provisions requiring more detailed reporting in the 2013 annual reports.

Regional Board staff and Bay Area Stormwater Management Agencies (BASMAA) representatives have already begun discussing the process and timeline for developing an ROWD and the steps leading up to MRP reissuance. The biggest issues likely to be the primary focus of reissuance include new and redevelopment concerns, trash reduction requirements, water quality monitoring, and pollutants of concern (mercury and PCBs). In general, BASMAA's existing committees will continue to develop the various technical reporting efforts and identify issues or concerns with existing permit language, and coordinate local comments and concerns through countywide program subcommittees.

BASMAA convened a Steering Committee consisting of Regional Water Board staff, countywide program managers from the MRP area, and select Permittee representatives from each county regulated by the MRP. The Steering Committee first met in July and established a preliminary bimonthly schedule into 2014 on the first Thursdays in September, November, and January. For San Mateo county Permittees, representation on the Steering Committee includes C/CAG's Countywide Program Coordinator, technical consultants from EOA, and representatives from C/CAG's Stormwater Committee, which includes Public Works Directors from Foster City, Hillsborough, San Carlos, City of San Mateo, and San Mateo County.

Meeting notes from the July and September Steering Committee meetings are attached. The next meeting is scheduled for November 7.

C/CAG staff will also be presenting an overview of the MRP reissuance process and issues of concern to the San Mateo City Managers' Association on October 18.

ATTACHMENTS

Steering Committee Meeting Notes, July 11

Steering Committee Meeting Notes, September 5

MRP 2.0 Steering Committee (SC) Kick-off Meeting

July 11, 2013

9:20am to 11:15

Water Board (WB) Offices, Oakland, 2nd Floor Room 15

I. Review Agenda and Introductions

- Matt Fabry, SMCWPPP Manager, BASMAA Board of Directors Chair – Purpose of the group is to guide/steer on higher level issues. A draft agenda was distributed (attachment 1).
- Tom Mumley, Water Board (WB) Assistant Executive Officer (AEO)
 - Mumley mentioned a handout with WB staff thoughts on mercury and PCB provisions (distributed after the meeting). He would like to add mercury and PCBs handout to a future agenda.
 - Mumley assumes that resolution of PCB/Hg issues before the permit is adopted may require some analysis and additional resources. These issues and analyses need to be identified ASAP. Meeting with an appropriate work group and WB staff needs to get organized and scheduled.
 - Other issues will be able to be addressed based on current information
- Steering Committee (SC) members introduced themselves (attachment 2 for attendance sheet).

II. MRP Reissuance Objectives

- Mumley acknowledged the fiscal challenges facing Permittees but indicated “solutions will require efforts and resources not currently on the table.” Need to push the envelope. His general opinion is that WB will not be able to agree with permit based on what Permittees can afford. But need to clearly document resources that would be needed to comply (as part of public hearing process).
- Adam Olivieri, SCVURPPP Manager, reviewed objectives and stressed the objective to reissue on time. He reminded the group that the Report of Waste Discharge (ROWD) is due by June 3, 2014.
- Olivieri distributed an agenda, one page summary of the March 25, 2013 MS4 program managers initial meeting with WB staff, and the draft overall schedule (attachment 2)
- Olivieri reviewed the summary, identified the three main priorities (Trash, New/Redevelopment, Monitoring/Pollutants of Concern), and stressed need to prioritize requirements and make trade-offs as needed given limited finite resources.
- Tom Dalziel, CCCWP Manager, discussed Contra Costa County Civil Grand Jury report and outcome associated with review of the CCCWP. The name of the report is what it boils down to: “Where’s the Money, What’s the Plan.” He stressed the importance of determining how agencies are going to fund implementation of any the new permit requirements. Several other SC members also stressed the need to prioritize the use of resources on the current permit as well as for any new requirements, and agreed that resources are still limited.
- Mumley – WB needs to be clear on what the plan is and what the road map to compliance is. “Required” to push the envelope on POC-related actions but challenge is to find a reasonable

- “sweet spot.” Noted that if a permit is issued that you can’t comply with, a separate cease and desist order (relief) with a schedule could be issued. Several SC members noted that they were not inclined to go this route. Also have to consider LA and San Diego permits, specifically in response to TMDLs. Bay Area needs to be as good or better. Olivieri noted both permits are under appeal and not sure what will come out of State Board process especially related to receiving water language issue.
- Dalziel – permit should be driven by local experience, not other permits in other parts of the state. Mumley – Need to document how our way is as good or better and be cognizant that there could be economies of scale with statewide consistency.
 - Joe Calabrigo, Danville Town Manager – noted that the financial picture has gotten worse, not better, since the last permit reissuance process in 2009, and that overall cost increases should not be included in reissued permit.
 - Kathy Cote, Fremont Manager Environmental Services – noted that she hopes this process will evaluate what’s working and what’s not. Fremont will not be getting any new staff. May need to reprioritize resources from programs that are less important towards new provisions. Thus, balance additions with reductions from less productive requirements.
 - Dale Bowyer, WB staff – asked Permittee reps to be specific about what is not cost-beneficial rather than just making general comment, and provide alternatives.
 - Mumley – Core program efficiency is a goal, but noted that additional resources will likely be needed. Need to look at what are the critical mandatory measures, and how to minimize the cost of baseline measures to put more resources toward POCs.
 - **ACTION:** Post-annual report submittal the Program managers will compile a summary of less cost-beneficial items. Be specific, include reporting requirements, tally information, and agendaize for further discussion in future meetings.

III. MRP Reissuance Process and Timeline

- Olivieri reviewed overall summary of priorities (attachment 3), and a schedule and how they are driven by key permit deliverables (attachment 4). Olivieri – end date should be kept (for now) and drive the schedule.
- Three types of groups and meetings – BASMAA MRP Program Managers/WB AEO, Steering Committee, BASMAA’s Technical Working Committees. Olivieri noted that the Program Managers meet monthly as part of BASMAA with Mumley with the goal of sorting out and trying to resolve as many issues as possible; the Steering Committee will meet as needed to discuss high level issues and various policy issues that could not be addressed by Program Managers, and the BASMAA Technical Working Committees (e.g., Development Committee, Monitoring and Pollutants of Concern Committee, and Trash Committee) meet monthly or as needed with WB staff to clarify specific subjects and data needs.
- Mumley – Steering Committee is very important because they are made up of Permittee decision makers, not just BASMAA managers. Also, BASMAA Managers and Steering Committee reps need to empower BASMAA technical workgroup staff to have not only discussions with WB staff but to also start negotiating with WB staff. Steering Committee also has to be informed on technical issues to make sure they understand resource implications.

- Olivieri/Mumley – Also need to have good feedback/education between the Steering Committee and permittee staff including monitoring/POCs technical issues. Adam also noted that program and co-permittee staffs need close coordination prior to any staff level negotiation occurs.
- Olivieri – need to agree on how we track tentative agreements and noted that Program Managers have a draft spreadsheet that has been populated for high priority issues along with WB staff information received to date.
- Cote – asked WB staff if administrative drafts will be available? Mumley – Really looking at releasing an administrative draft in July 2014. Will strive to meet this date but if significant issues remain, it is worth taking a few extra months to resolve issues rather than “kick the can.” After ROWD received and deemed complete, formal process starts, and there is no ex parte communications. Want to avoid slippage into FY 2015-16.
- Was noted if slips to July 2015 would leave no time for cities to budget for FY 15/16.
- Olivieri – noted that we could jump to permit language ASAP on some items. Geoff Brosseau, BASMAA Executive Director – but make sure different items/components are coordinated. Mumley – could start on language for core programs like C.7 soon.
- Mumley – Should look at streamlining core programs sooner than later, in parallel with more high priority topics. For example, streamlining public education (C.7) requirements.
- **ACTION:** Brosseau currently trying to set up meeting of the Monitoring and Pollutants of Concern Committee (MPC).
- **ACTION:** organize the MPC and schedule meeting.
- **ACTION:** Program Managers to identify tracking method.
- **ACTION:** Steering Committee agreed to meet bimonthly on 1st Thursdays in the afternoon (1-4pm) at the same location (Elihu Harris State Office Building, 1515 Clay Street, Oakland) and room (2nd Floor, Room 15, if available). Dates set were September 5th, November 7th, and January 2nd. May need additional meetings towards the end.

IV. New Development Initial Discussion

- Jill Bicknell, SCVURPPP, BASMAA Development Committee Chair, reviewed issues and proposed approach (attachment 5)
- Existing Road Reconstruction and Widening
 - Mumley – WB staff not in agreement with proposed approach. We need to do better than status quo since existing roads are currently part of the problem. Recognized that roads are needed to intercept pollutants of concern and not just designed for drainage. Open to the concept of master plans that include addressing existing roads and consideration of water quality when greening communities. Cited San Francisco as a leader in implementing green street retrofits throughout the city. Asked permittees to provide some options above and beyond status quo. Need to take advantage of opportunities such as utility work.
 - Jim Porter, San Mateo County Public Works Director – seems like diverting transportation dollars is what is being suggested. Need to get Metropolitan Transportation Commission (MTC) involved to discuss how clean water goals can be integrated with congestion management goals.

- Fabry – SMCWPPP and Congestion Management Agency funded and directed by the City/County Association of Governments (CCAG) and thus willing to take lead on developing nexus with MTC, and developing options for this topic.
- Mumley – If a master plan is developed (and coordinated with plan for POC retrofits), the timeframe is negotiable.
- Bicknell noted the need to provide incentives for green streets, but not mandates, as this can create barriers to grants for green streets.
- Group – Limited funding is available for Capital Improvement Projects. Also, priority development areas (PDAs) that receive MTC funding are limited in extent.
- Mumley and Bowyer – Banking of Low Impact Development (LID) treatment credit is acceptable and already allowed under existing permit. WB staff is supportive.
- Feasibility/Infeasibility Criteria for Infiltration and Harvesting
 - Mumley – Good issues. See some common ground with proposed approach. Need analysis on decreasing to 5,000 sq. ft. threshold - what is the burden versus the benefit (as with many issues). Bicknell noted the impact on municipal development review staff resources for lowering the C.3 threshold relative to the minimal area being addressed by the lower threshold. Cote noted the burden also includes costs and resources associated with the ongoing (in perpetuity) operation and maintenance verification inspection requirements.
- Hydromod Requirements (no time for discussion)
- **ACTION:** BASMAA Development Committee to keep working on these issues in preparation for the September 5th Steering Committee meeting.
- **ACTION:** Fabry to look into developing nexus with MTC, and developing options for this topic.

V. Next Steps

- September 5th meeting –
 - Continue C.3 discussion (but first further vetting of specific issues by BASMAA Development Committee), identify all C.3 issues, summarize where we have tentative agreement or not.
 - Start Monitoring/Pollutants of Concern issue discussion, including what may be info needs and analysis above and beyond what already is planned through Integrated Monitoring Report, due March 15, 2014.
 - Develop plan/schedule for discussing other areas of the permit.

ATTACHMENTS:

- 1 – Agenda
- 2 – Attendance List
- 3 – Summary of Major MRP Issues – March 25, 2013
- 4 – Permit Reissuance Schedule Overview
- 5 – C3 Bullet points
- 6 – Tom Mumley PCB/Hg issues

MRP 2.0

July 11, 2013 Rm 15
Water Board

| Name | Agency/org | email | phone # |
|-------------------|----------------------|-------------------------------|-------------------|
| Matt Fabry | CCAG/smcwppp | mfabry@smcga.org | 650 599 1419 |
| Jim Porter | San Mateo Co. | jporter@smcga.org | 650 599-1421 |
| Felix Riesenber | City of Fairfield | friesenber@fairfield.ca.gov | 707-428-7841 |
| Jon Konnan | EOA/SMCWPPP | jkonn@eoainc.com | 510-832-2852 x111 |
| Chris Sommus | EOA/SCVURPPP | csommus@eoainc.com | 510-832-2852 x109 |
| Kathy Cote | Fremont | Kcote@fremont.gov | 510-494-5833 |
| Geoff Brosseau | ESMAA | geoff@brosseau.us | 650-365-8620 |
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| Adam Oliveri | SCVURPPP | awo@eoainc.com | 510-832-2852 x115 |
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| Jill Bicknell | EOA/SCVURPPP | jbicknell@eoainc.com | |
| MIKI TSUBOTA | BRENTWOOD / ACCWP | MTSUBOTA@BRENTWOODCA.GOV | |
| Tom Dalziel | CCWP STAFF | tdalziel@pw.cccounty.us | |
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| Heather Ballenger | City of Walnut Crk. | Ballenger@WalnutCreek.org | |
| Rinta Perkins | City of Walnut Creek | perkins@walnut-creek.org | |
| Dale Bowyer | Water Board | dbowyer@Waterboards.ca.gov | |
| Tom Munley | water Bd | tmunley@... | |
| Larry Patterson | City of San Mateo | lpatterson@cityofsanmateo.org | |
| LANCE BARNETT | VSFCO | LBARNETT@VSFCO.COM | 707-448-9499 |
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| TIMM FORDEN | Cupertino | timmb@cupertino.org | 408-777-3382 |

Shirley Lee

Sue Ma

Selina Lorie

Overall

- WB staff (AEO) made the following comments – intent is to re-issue permit on time (however had some buffer but wanted to avoid kicking can down the road); focus on key areas for change/update where consequences of no action mattered; open to streamlining less important permit requirements; updates/changes need to be cost-effective relative to WQ and recognize need for some level of state-wide consistency (i.e., outcomes of pending appeals); recognized local agency fiscal issues and constraints have not changed much but that maintaining status quo with no changes was not possible (permit needs to do more); identify areas where additional information is expected to be part of ROWD (renewal application); and WB staff may need to consider enforcement order along with re-issued permit to drive availability of new resources.
- Provide a balance between flexibility and enforceability within the MRP.
- Continue to identify and secure State and federal grant resources to assist with local implementation.

New Development

- Implementation of LID on existing streets related to street reconstruction or widening; follow-up to “green streets” pilot project requirement in 2009 MRP
- Feasibility/infeasibility criteria for infiltration and harvesting/reuse; making bioretention a parallel choice; follow-up to feasibility/infeasibility report requirement in 2009 MRP
- Allow Integration of LID and hydromodification management criteria and provide the option to meet both requirements with a single efficient LID design; make criteria consistent across the region; follow-up to model verification and calibration study required of CCCWP.

Trash

- Acceptability of interim methods for measuring progress toward “no visual impact”
- Packages of BMPs that will be considered equivalent to “full trash capture”
- Confirm acceptability/better define “problem-solving approach”

Monitoring/POCs

- TMDL implementation and update for the coming permit term; follow-up to pilot projects mandated in 2009 MRP.
- Reduction in monitoring costs and elimination of monitoring that doesn’t provide useful information for managing stormwater programs.

| Permit Reissuance Schedule Overview | | Process | Document | Meeting | Steering Comm. Meeting | 3/25/2013 | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----|---------|----------|---------|------------------------|-----------|----|----|
| Calendar 2013 | | | | | Calendar 2014 | | | |
| Permit-Wide Coordination | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Initial Planning and Prioritization | | | | | | | | |
| Monthly Meetings with AEO | | | | | | | | |
| Steering Committee Kickoff Meeting | | | | | | | | |
| Permit | | | | | | | | |
| New Development | | | | | | | | |
| BASMAA BOD - Main Issues and Strategies | | | | | | | | |
| Discuss Issues/Strategies in BASMAA DC | | | | | | | | |
| Technical Reports | | | | | | | | |
| Review Issues/Strategies: Permittee/WB Staff | | | | | | | | |
| Refine proposals to resolve major issues | | | | | | | | |
| Review technical findings with WB staff | | | | | | | | |
| Draft proposed permit approach major/minor issues | | | | | | | | |
| Discuss proposed language with WB staff | | | | | | | | |
| Trash | | | | | | | | |
| Complete Recommendations | | | | | | | | |
| Develop Guidance for LT Plans | | | | | | | | |
| Board Workshop | | | | | | | | |
| 2013 Annual Reports-Current Implementation | | | | | | | | |
| Develop On-Land Assessment Tool | | | | | | | | |
| Permittee Development of LT Plans | | | | | | | | |
| Draft proposed permit approach | | | | | | | | |
| Discuss proposed language with WB staff | | | | | | | | |
| Monitoring and POCs | | | | | | | | |
| BASMAA BOD - Main Issues and Strategies | | | | | | | | |
| Discuss Issues/Strategies in Monitoring Comm | | | | | | | | |
| Monitoring Reports | | | | | | | | |
| Review Issues/Strategies: Permittee/WB Staff | | | | | | | | |
| Refine proposals to resolve major issues | | | | | | | | |
| Review technical findings with WB staff | | | | | | | | |
| Draft proposed permit approach major/minor issues | | | | | | | | |
| Discuss proposed language with WB staff | | | | | | | | |
| Other: C2, C4, C5, C6, C7, C9, C15 | | | | | | | | |
| Identify Issues/Strategies | | | | | | | | |
| Review in BASMAA Muni Ops/PIP | | | | | | | | |
| Review Issues/Strategies: Permittee/WB Staff | | | | | | | | |
| Proposed approach to WB staff | | | | | | | | |
| Discuss proposed language with WB staff | | | | | | | | |
| ● Steering Comm. = AEO, other WB staff, Countywide Program staff and Permittee program-management-level staff (similar to Trash Steering Committee) | | | | | | | | |

Progress

- Identified Provision C.3 as one of three “major” issues regarding extensive discussion
- Agreed this should be the first “major” issue to be taken up based on overall schedule for permit reissuance (see March 25 Gantt chart)
- Obtained Water Board staff input on C.3 issues requiring discussion and resolution
- Each countywide program obtained permittee input on issues; these were compiled and tabulated into a regionwide table
- Discussed issues in BASMAA Development Committee; some of these discussions included Water Board staff
- Developed BASMAA Development Committee proposed approach; reviewed with BASMAA Board on June 27; discussed elements of proposed approach with AEO

Issues and Proposed Approach

- *Implementation of LID on existing streets related to reconstruction or widening*
 - Maintain existing requirements (new roads and widening for additional travel lanes) and exemptions (bike lanes and sidewalks).
 - Seek opportunities and funding for green streets and drainage retrofits; no mandates that require use of local funds. Allow impervious area associated with these projects to be “banked” and credited to new roads and road widening projects
 - Credit green streets and drainage retrofits for PCB and mercury reductions
- *Feasibility/infeasibility criteria for infiltration and harvesting/reuse*
 - Permittees are very concerned about the increase in work load that will result from lowering the C.3 treatment threshold to 5,000 square feet and that will achieve only a small increase in water quality benefit compared to current requirements.
 - Permittees should focus on ensuring that bioretention planning, design, and construction is implemented consistently and effectively.
 - Eliminate feasibility tests and make bioretention an equal “first choice” for LID implementation
 - Improve consistency in design, construction, and maintenance of pervious paving on Regulated Projects.
- *Hydromodification*
 - Unify the requirements regionwide.
 - Establish common applicability criteria.
 - Allow all Permittees to use either of the two current approaches to HM control sizing (BAHM or Contra Costa sizing factors)

Next Steps

- BASMAA to propose draft permit language to address identified issues and implement proposed approach
- Contra Costa report on the effectiveness of bioretention due September 15
- Green Streets status report due September 15
- Special Projects status report due September 15
- Feasibility/Infeasibility of Infiltration and Harvest/Reuse Status Report due December 1
- Contra Costa proposal for hydromodification standards due April 1, 2014

MRP Reissuance Issues for Provision C.11 (Mercury) and Provision C.12 (PCBs)

- PCBs will continue to be the driver.
- PCBs TMDL Implementation Plan requires focused implementation.
- Proposed framework is X% reduction in Y watersheds for a total reduction of Z kg/yr.
- X% should be > 50% to be meaningful and measurable.
- Z should be ≥ 5 kg/yr, but potentially moved up or down based on time to obtain and consideration of revised PCBs loading calculations.
 - The aggregate urban runoff wasteload allocation is 2 kg/yr.
 - The current aggregate load estimate is 20 kg/yr.
- Y will be determined based on an analysis of watershed characteristics and loadings and potential load reductions from watersheds with high levels of PCBs and watersheds with moderate levels of PCBs.
 - Analysis includes consideration, among other factors, of concentrations of PCBs in soil, sediment, or stormwater, concentrations of other contaminants in same media, current and historical landuse, inspection records, available conveyance infrastructure, opportunities for enhancement of conveyance infrastructure, likelihood and mechanism of pollutant transport.
 - Analysis will balance the challenges and benefits of just focusing on high PCB watersheds versus moderate PCB watersheds.
 - High PCB watersheds (or drainage areas) tend to be small, near the Bay margin, drain to Bay margin areas with high PCBs, have potential high PCB reduction per unit of action, but the load per watershed (or drainage area) may be small.
 - Moderate PCB watersheds (or drainage areas) tend to be larger than the high PCB ones, drain mixed land uses, and have lower potential PCB reduction per unit of action, but have greater potential additional benefits of retrofit of LID measure, including greater mercury load reduction.
- More time will be allowed to achieve load reductions where there are robust watershed improvement master plans that include commitments for drainage area, streets, and storm drain system retrofits.

MRP 2.0 Steering Committee Meeting Summary

September 5, 2013

1:00 – 4:00 p.m.

Water Board Offices, Oakland, 2nd Floor Meeting Room

I. Review Agenda and Introductions

- Introductions were made. Tom Mumley (Water Board Assistant Executive Officer) recommended that a sign-in sheet with participants' names be prepared for future meetings.

II. Continued Discussion of C.3 Topics

- Jill Bicknell (SCVURPPP, BASMAA Development Committee Chair) described the method and schedule to address the key C.3 issues as well as other issues raised by Water Board staff (see attached table). There were no objections to the schedule. Water Board staff confirmed that there were no significant C.3 issues that are not on the table at this time, and were pleased that the schedule will ensure that all of the items will be on the agendas of future BASMAA Development Committee and/or Steering Committee meetings.

A. Threshold for Regulated Projects (see attachment)

- Dan Cloak (CCCWP) presented an overview of existing and proposed regulated project size thresholds, analysis of impacts/benefits of lowering the threshold, and proposed alternatives for MRP 2.0 (see attached presentation). The results of the data analysis indicated that if the threshold for regulated projects were lowered to 5,000 square feet of impervious surface, there would be an approximately 8-10% increase in the number of projects needing review by the permittees (and potentially 8-10% more treatment measures to track and inspect) and about a 0.5% increase in the amount of impervious surface subject to C.3 treatment requirements. The Phase I stormwater programs proposed alternative is to keep the existing threshold the same and clarify the requirements for site design measures and source controls on all projects.
- Kathy Cote (Fremont) and Melody Tovar (Sunnyvale) emphasized the extra staff effort needed to work with small project developers (less sophisticated) for a small benefit ("the pain and agony factor").
- Dale Bowyer (Water Board staff) said it would be helpful to have an idea of what site design measures were being done. If the lower threshold is not included, something else will be needed in its place. Dan responded that CCCWP permittees require information on impervious surface and site plans showing landscape dispersion for small projects. Jill suggested that Water Board staff review the section of the FY 12-13 Annual Report that describes permittee implementation of Provision C.3.i (site design requirements for small projects and single family homes) and determine if existing MRP requirements are sufficient.

- Tom Mumley cited the example of San Francisco’s regulation of all projects down to 5,000 square feet of impervious surface, and wondered if small projects were really an issue to regulate. Several SC members responded that yes, this is an issue, it requires more resources without any real benefit, and that San Francisco’s combined sewer system means a dedicated funding source without many of the restrictions and challenges faced by municipalities with separate sewer systems, due to Proposition 218 limitations.
- Tom Mumley asked if permittees were required to implement LID retrofits, could we leverage the small projects (via in-lieu fees) to help fund retrofits or regional projects? Melody Tovar responded that when this was evaluated for regional hydromodification control projects, there had to be a nexus between the flow contribution to the facility and the fee, and there were other significant institutional barriers.
- Tom Mumley agreed that we need to ensure that MRP requirements provide “bang for the buck”, and liked the suggestion to make site design and source control requirements more clear for all projects.
- ✱ **Action:** Water Board staff will review the FY 12-13 Annual Reports for C3.i reporting and then discuss the above proposed alternative with the BASMAA Development Committee.

B. Green Streets/Road Reconstruction Requirements (see attachment)

- Matt Fabry (SMCWPPP Program Manager) presented considerations for future green street requirements, stressing the need for integrating water quality into transportation programs and coordinating sustainability funding with the transportation funding process (see attached presentation). He pointed out that regional and state transportation funding is being driven by accommodating future growth in priority development areas, air quality requirements, and greenhouse gas reduction, and water quality improvement is not part of the strategy. State and Regional Board staffs have not been part of transportation funding discussions, and State water quality grant funding is not aligned with transportation funding priorities or schedules.
- Matt explained that the greenhouse gas (GHG) reduction requirements in AB32 and SB375 require development of Sustainable Communities Strategies (SCS) in regions throughout the state. In the San Francisco Bay Area, four agencies – MTC, ABAG, BCDC, and BAAQMD – recently completed a long-term transportation plan known as “Plan Bay Area,” which serves as the SCS. Under the Plan, transportation funding is focused on Priority Development Areas (PDAs) designated for dense, transit oriented development. Cities have to develop “Complete Street” policies to receive the funding.
- Matt emphasized that a coordinated local, regional, state, and federal effort is absolutely needed to be successful and assuming the MRP would be the only driver will not lead to success. Matt proposed that one or more of the following approaches might make sense for the next permit term: a) retrofit planning efforts (link to Prop 84-funded “Green Plan Bay Area”); b) green street policies or

resolutions (or integration of these policies into “Complete Street” policies); c) development of local funding options; d) development of alternative compliance/banking programs; and e) improvement of the design, construction, and O&M of retrofit projects.

- Larry Patterson (City of San Mateo) commented that the pool of transportation funding is very constrained and competitive. Current funding is being driven by air quality impacts, but an integrated approach is needed. The Complete Streets Program will take decades to implement, so now is the time to integrate the water quality element.
- Larry cited an example in the City of San Mateo of a local complete/sustainable street project in which one long block underwent a “road diet,” reducing from four lanes to three, widening sidewalks, and incorporating stormwater management features. The total cost was \$1.3 million (the water quality component was \$330,000). For local funding, the City of San Mateo assesses a transportation impact fee of \$3,400 per dwelling unit or between \$2,000 and \$5,800 per 1,000 square feet of commercial and industrial space. Using local modeling data for future growth and assuming a (substantial) 10% add-on to transportation impact fees to address water quality impacts from vehicle trips generated, San Mateo would generate approximately \$3.5 million over a 20-year timeframe. He noted that with more regional funding going to PDAs, there will be less available to fund maintenance of streets outside of PDAs. Larry noted that there was very little opportunity to move transportation funds to address water quality and re-iterated Matt’s comment about taking decades of one block projects.
- Joe Calabrigo (Town of Danville) agreed that funding for existing streets is limited, and that there is a difference between creating complete streets and maintaining what they currently have. The GHG reduction requirements have a completion schedule extending to 2050. We need to take a longer-term view of the water quality requirements as well, and not limit ourselves to the five-year water quality permit cycle.
- Tom Mumley commented that we can’t count on transportation funds to meet water quality needs; we will need to use alternative revenue sources as well. He would like to see where there is buy-in to begin to make progress on a long term plan. Melody Tovar asked how Regional Water Board staff will engage in the process. Tom responded that the State Board has a staff person dedicated to addressing climate change issues.
- The group discussed other options for funding. Larry Patterson emphasized the need to get Prop 218 changed to include stormwater in the same category as water, sewer, and refuse collection. He also suggested trying to get regional transportation grant criteria to consider water quality elements. Joe Calabrigo said a bill has been introduced (SB1, Steinberg) to give redevelopment money back to the cities for sustainability projects. Matt Fabry suggested trying to include green infrastructure projects in the types of GHG/climate change

adaptation projects that are eligible for “cap and trade” auction or similar sustainability type funds.

- Next steps – Tom Mumley suggested forming a small work group to discuss options for permit requirements. He said he would consider a pass on LID requirements for road reconstruction if permittees demonstrate some commitment to a long-term water quality-based retrofit plans.
- * **Action:** Larry Patterson (City of San Mateo) and Adam Olivieri (SCVURPPP Program Manager) will send out an email to the Steering Committee requesting volunteers for the Green Streets Work Group.

C. Hydromodification Management Requirements

- Jill Bicknell introduced the HM issue by presenting an overview of current MRP requirements and differences among requirements for various programs. The proposed approach for MRP 2.0 is to adopt consistent requirements region wide, allow applicants throughout the Region the choice to use either sizing factors or the Bay Area Hydrology Model for sizing HM controls, and better integrate the HM requirements with the LID treatment requirement. There is general agreement around this approach; however, the one issue that needs to be resolved is the low flow criterion for the flow duration matching. She recommended that this issue be discussed at the BASMAA Development Committee.
- Dale Bowyer agreed that the major issue is the low flow criterion and where it is applied. One option is to allow a range of low flow conditions based on the receiving stream condition. Tom Mumley agreed that it was appropriate to discuss the issue at the BASMAA Development Committee.
- * **Action:** Discuss the low flow criterion issue with Water Board staff at the January and February BASMAA Development Committee meetings (per the attached schedule).

D. Other Issues (see attachment)

1. LID Feasibility Criteria – Per the proposed schedule, this topic will be discussed at the 3/6/14 Steering Committee meeting, after submittal of the MRP-required LID Feasibility Criteria Status Report on 12/1/13 and preliminary discussions with Water Board staff at the BASMAA Development Committee.
2. Other Potential Issues – The plan for discussing other issues including Special Projects criteria and improved implementation of existing requirements is provided on the attached schedule. Dale Bowyer mentioned that he would like the permit to require that stormwater treatment measures be inspected and accepted as part of the building acceptance process at a development site. Dan Cloak added that he thought some permittees would welcome permit language giving them that authority. Dale responded that he would be open to suggested language on this topic.

III. Initiate Discussion on Monitoring (C.8) and Pollutants of Concern – Mercury & PCBs (C.11 & C.12) Topics

- Chris Sommers (SCVURPPP) presented a review of MRP Provisions C.8-C.14, proposed priorities for discussion of monitoring and POC requirements for MRP 2.0, and a proposed timeline and forums for discussion of these requirements. The highest priority is C.11/C.12, PCB and Mercury Controls, and POC loads monitoring under C.8.e. These items will be informed by the Integrated Monitoring Report due to the Water Board on March 15, 2014. The next highest priorities are C.8(a-d), Water Quality Monitoring and C.9, Pesticide Controls.
- Tom Mumley made the following comments:
 - He did not like the concept of “discussion priorities” – he believes that all of these provisions need to be considered for MRP 2.0.
 - Regarding C.14, he agreed that PBDEs, legacy pesticides, and selenium should be low priority for urban runoff. However, he suggested that other emerging POCs may need to be considered for MRP 2.0.
 - He emphasized that the next permit must have focused implementation plans for TMDL POCs, including a defined level of effort and timeframe. He recognized that capital improvement projects to implement the plans will take time. He was concerned that permittees may not be gathering enough data to inform these plans, and suggested he may use Water Board authority (i.e., 13267 letter) to require submittal of additional information.
- The next Steering Committee will focus on discussion of PCB and mercury requirements.

IV. Next Steps

See Action Items under each discussion topic.

V. Adjourn

Next meeting – November 7, 2013, 1:00-4:00 p.m.

Attachments:

1 – Meeting Agenda

2 - Handouts

Draft AGENDA

MRP 2.0 Steering Committee (SC) Meeting

September 5, 2013

1:00 to 4:00 pm

Water Board Offices, Oakland, 2nd Floor Room 15

- | | | |
|---------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1:00 pm | I. | Review Agenda & Introductions <i>Outcome – identify key MRP co-permittee, WB representatives, and stormwater program representatives</i> |
| 1:15 pm | II. | Continued Discussion of C.3 Topics <i>Outcome – review, discuss, and identify areas of agreement on concepts, approaches, and next steps</i> A. Threshold for Regulated Projects – <i>present data on impacts of threshold reduction to 5,000 square feet and proposal to address regulatory concerns</i> B. Green Streets/Road Reconstruction Requirements – <i>present concepts and proposal for long term planning, integration of green infrastructure and coordination with transportation/congestion management planning and funding</i> C. Hydromodification Management Requirements – <i>introduce topic, issues, proposed approach, and next steps</i> D. Other Issues 1. LID Feasibility Criteria – <i>agree on timeline for continued discussion</i> 2. Other Potential Issues – <i>agree on method to address and timeline</i> i. Improved Implementation of Existing Requirements (e.g., inspection of treatment units and enforcement response) ii. Special Projects – <i>fwp to pending WB staff comments</i> |
| 3:15 pm | III. | Initiate Discussion on Monitoring (C.8) and Pollutants of Concern – Mercury & PCBs (C.11 & C.12) Topics <i>Outcome – brief review of monitoring and POC requirements, review status of discussions with WB staff, and discuss time frame for discussion.</i> |
| 3:45 pm | IV. | Next Steps |
| 4:00 pm | V. | Adjourn |

Method and Schedule to Address MRP 2.0 C.3 Issues

| C.3 Issue ¹ | Relationship to Key Issues | Forum/Schedule to Discuss with Water Board Staff | BASMAA DC Mtg Date(s) | MRP SC Mtg Date(s) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------|
| Key Issues | | | | |
| Regulated Project Threshold – potential reduction to 5,000 SF of IA for all project types | Address as separate key issue (related to road reconstruction threshold and LID feasibility criteria) | Discuss at Steering Committee (SC); follow-up discussions with BASMAA Development Committee (DC) on proposed language | TBD | 7/11/13; 9/5/13 |
| Green Street/Road Reconstruction Requirements – potential implementation of LID on existing roads; retrofit requirements; relationship to POC/TMDL requirements | Address as separate key issue | Discuss at SC; follow-up discussions with BASMAA DC on proposed language | TBD | 7/11/13; 9/5/13 |
| Hydromodification Management (HM) Requirements – consistent requirements, performance criteria, and sizing tools across the region | Address as key issue; consider relationship to LID Feasibility Criteria | Introduce at SC; work out details at BASMAA DC; bring back to SC if needed | 1/7/14; 2/6/14 | 9/5/13; 3/6/14 |
| LID Feasibility Criteria – allowing bioretention as “first choice” LID (BASMAA); larger surface area of treatment facilities to maximize infiltration (WB) | Address as separate key issue; consider relationship to HM Requirements | BASMAA DC and SC, following BASMAA submittal of LID Status Report on 12/1/13 | 1/7/14; 2/6/14 | 7/11/13; 3/6/14 |
| Other Issues | | | | |
| Special Projects Criteria – implementation to date and whether/how criteria need to be changed | Address as separate issue | Discuss at BASMAA DC following receipt of WB comments on Special Project submittals; then determine whether necessary to go to SC | 10/3/13 or 11/5/13 (date TBD) | TBD |
| Improved Implementation of Existing Requirements: <ul style="list-style-type: none"> • Bioretention design and maintenance • Pervious paving design and maintenance | Address as part of LID Feasibility Criteria issue | Clarify issues at BASMAA DC; discuss following submittal of LID Status Report on 12/1/13; bring to SC if needed | 10/3/13; 1/7/14 | TBD |
| <ul style="list-style-type: none"> • Inspection of treatment facilities during construction • O&M inspection/enforcement response | Lower priority issue Lower priority issue | Clarify issues at BASMAA DC following receipt of WB comments on C.3 Annual Reports; then determine whether necessary to go to SC | 10/3/13 or 11/5/12 (date TBD) | TBD |

¹ Issues in bold to be discussed at the September 5, 2013 Steering Committee Meeting.



Provision C.3 Thresholds

Dan Cloak, P.E.
Dan Cloak Environmental Consulting

Topics

- Existing and Proposed Thresholds
- Analysis of Impacts
 - How much more project review effort?
 - How much more water quality protection?
- Alternatives for MRP 2.0

MRP Thresholds

| <i>Impervious Area Created or Replaced</i> | <i>Requirement</i> |
|--------------------------------------------|----------------------------------------------------------------------------------|
| All projects | Site design measures and source controls |
| ≥2500 SF | Include at least one of six LID measures |
| ≥(5,000 SF) ≥10,000 SF | (For parking lots, auto service, restaurants) Treat flows to numeric standard |
| ≥1 acre | Hydromodification Management |

Data

- Previously compiled for 2011 “Special Projects” proposal
- Projects approved during 2006-2010
- All jurisdictions in Santa Clara, San Mateo, and Alameda Counties
- 533 projects

Analysis

| Range (Square feet impervious area created or replaced) | # Projects | Percent of Total Projects | Square feet Impervious Area Created or Replaced | % of Total Impervious Area Created or Replaced |
|---------------------------------------------------------------------|---------------|---------------------------------|----------------------------------------------------------|------------------------------------------------------------|
| 10000-14999 | 39 | 7.3% | 455670 | 0.5% |
| 15000-19999 | 39 | 7.3% | 680607 | 0.7% |
| 20000-24999 | 35 | 6.6% | 766145 | 0.8% |
| 25000-29999 | 27 | 5.1% | 732989 | 0.7% |
| 30000-34999 | 24 | 4.5% | 764744 | 0.8% |
| 35000-39999 | 17 | 3.2% | 648254 | 0.6% |
| 40000-45000 | 18 | 3.4% | 768722 | 0.8% |
| Total < 1 acre | 199 | 37.3% | 4817131 | 4.8% |
| Total All Projects | 533 | | 100567085 | |

Results

- About an 8% increase in the number of projects reviewed
- About a 0.5% increase in the amount of impervious area subject to Provision C.3 requirements

Recent Data (2 Permittees)

| FY 09-10 to FY 12-13 | Fremont | San Jose |
|----------------------------------------|---------|----------|
| # of Projects | 7 | 13 |
| % of Regulated Projects | 10% | 8% |
| Impervious Area (SF) | 52573 | 112236 |
| % Regulated Project Impervious Area | 0.3% | 0.4% |

Discussion

- About 95% of new and replaced impervious area is attributable to projects with an acre or more
- Smaller projects tend to have:
 - Constrained sites
 - Small developers
 - Operation and maintenance issues

Alternatives

| <i>Impervious Area Created or Replaced</i> | <i>Requirement</i> |
|----------------------------------------------------|----------------------------------------------------------------------------------|
| All projects | Site design measures and source controls |
| ≥2500 SF | Include at least one of six LID measures |
| ≥(5,000 SF) ≥10,000 SF | (For parking lots, auto service, restaurants) Treat flows to numeric standard |
| ≥1 acre | Hydromodification Management |

Clarify requirements for
site design measures and
source controls on all
projects

Keep the same

MRP 2.0 Steering Committee
September 5, 2013

Considerations for Future Green Streets and Road Reconstruction Requirements

Matt Fabry
Program Manager
San Mateo Countywide Water Pollution
Prevention Program



Current Green Streets Requirements

- Per MRP C.3.b, Permittees required to:
 - Construct 10 pilot green street/parking lot projects within SF Bay region by end of permit term
 - Conduct monitoring or modeling to show water quality benefits achieved
 - Report on any projects in their jurisdictions in annual reports
 - Collectively submit a summary of all projects completed by January 1, 2013 as part of FY 12-13 Annual Report



Green Street Report Findings

- Ten projects will be substantially completed by 12/1/14 and ten other projects are being funded/designed
- Most projects initiated prior to MRP
- Most projects partially funded by grants
- Need following elements:
 - Favorable topography
 - Space in right of way
 - No utility conflicts
 - Close connection to storm drain system



Integrating Water Quality into Transportation Programs

- Big Picture
- Local
- Regional
- State
- Federal
- MRP Reissuance Issues

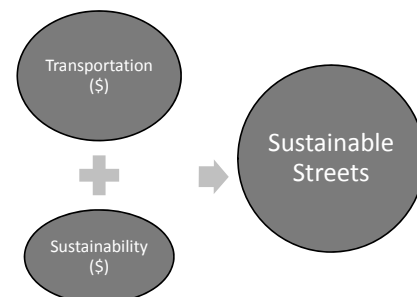


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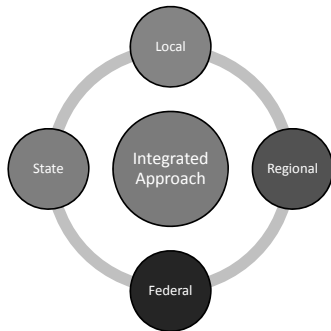
- Integrating water quality with transportation programs is goal
- Can't expect transportation funding to pay for water quality solutions
- Need to bring sustainability funding sources into transportation process
- Need local, regional, state, and federal efforts to make it work
- Can't all be driven by MRP



BIG PICTURE



BIG PICTURE



LOCAL ISSUES

- Sustainable Street Policies/Resos
- Local Funding Options
- Planning
- Design/Construction/O&M Practices
- Banking/Alternative Compliance Programs
- Integration with Other Municipal Efforts



REGIONAL ISSUES

- WQ isn't Integrated with Regional Efforts
 - Regional Board not part of PlanBayArea
 - Water Quality not in Sustainable Community Strategy
- Need to Bring WQ \$ into Regional Funding Process
- PDA/SCS vs Water Quality Priorities
- Support Meaningful Banking/Alternative Compliance Approaches



STATE ISSUES

- State Transportation \$ Driven by Air Quality & Greenhouse Gas Reductions
 - AB 32 and SB375
 - Need AB33 and SB376?
- No Dedicated WQ Funding Stream
- WQ Grant funds not integrated with transportation, but all seem to want LID solutions (e.g., Prop 84 SW and Urban Greening)
- Standardize Retrofit Approach via Funding Streams/Programs, then Link through MS4 Requirements

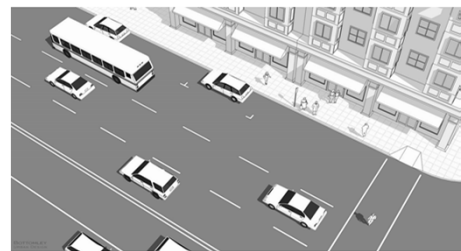


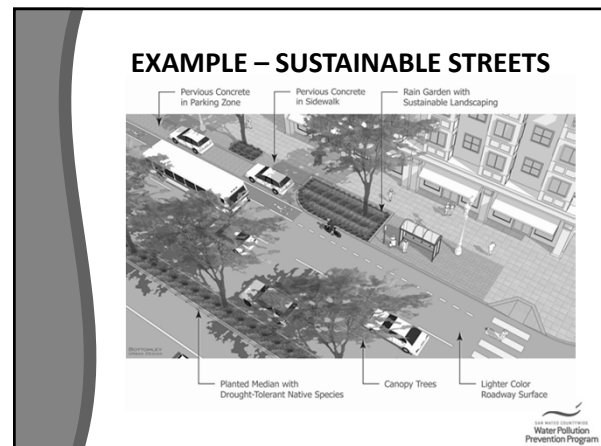
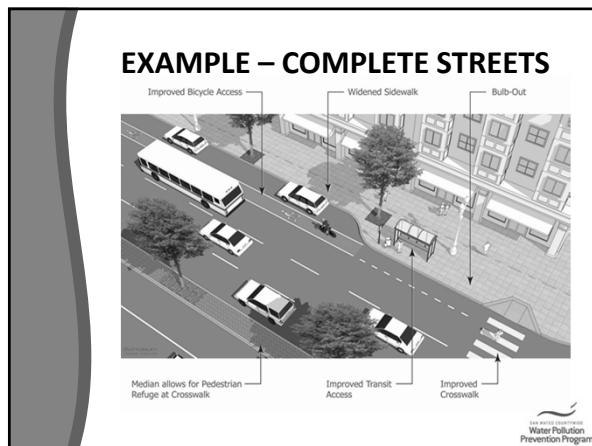
FEDERAL ISSUES

- No Sustainability Funding Umbrella Similar to Transportation with Formula Distribution
- Need to Establish Sustainable Streets as Standard Practice for Multi-Benefit Solutions
- Standardize Retrofit Approach through Funding Streams



EXAMPLE – EXISTING STREETS





MRP REISSUANCE ISSUES

- What makes sense for next five years?
 - Retrofit Planning Efforts – link to Prop 84 “GreenPlan Bay Area”
 - Green Street Policies or Resolutions
 - Local Funding Options
 - Alternative Compliance/Banking Programs
 - Improve Design/Construction/O&M of Retrofit Projects

The San Antonio Water Pollution Prevention Program logo is in the bottom right.

NEXT STEPS

- Engage MTC/ABAG?
- Engage SWRCB/RWQCB?
- Engage EPA?
- Engage Legislature?
- All of the Above?

The San Antonio Water Pollution Prevention Program logo is in the bottom right.

MRP 2.0 Steering Committee
September 5, 20123

Hydromodification Management Requirements and Issues

Jill Bicknell, P.E., EOA, Inc.
Santa Clara Valley Urban Runoff Pollution
Prevention Program



Common Requirements

- Applies to projects that create/replace ≥ 1 acre of impervious surface.
- Project cannot cause an increase in the erosion potential of receiving stream over pre-project (existing) conditions
- HM controls must be designed to manage runoff such that post-project flow rates and durations do not exceed pre-project conditions, for a defined range of flows
- Can meet requirements with on-site, regional and/or in-stream HM controls



Individual Requirements

| Region | Date HMP Adopted | MRP Requirements |
|---------------------|------------------|--------------------|
| Santa Clara Valley | 2005 | Attachment F |
| Alameda County | 2007 | Attachment B |
| San Mateo County | 2007 | Attachment E |
| Contra Costa County | 2006 | Attachment C |
| Fairfield Suisun | 2007 | Attachment D |
| Vallejo | Submitted 2013 | Recently developed |



Performance Criteria/Tools

| Region | Map? | Range of Flows | Sizing Tools |
|---------------------|------|----------------|----------------|
| Santa Clara Valley | Yes | 0.1Q2 to Q10 | BAHM |
| Alameda County | Yes | 0.1Q2 to Q10 | BAHM |
| San Mateo County | Yes | 0.1Q2 to Q10 | BAHM |
| Contra Costa County | No | 0.2Q2 to Q10 | Sizing Factors |
| Fairfield-Suisun | Yes | 0.2Q2 to Q10 | Sizing Curves |
| Vallejo | Yes | 0.1Q2 to Q10 | Sizing Factors |

BAHM = Bay Area Hydrology Model
0.1Q2 = 10% of the 2-year storm peak flow
0.2Q2 = 20% of the 2-year storm peak flow
Q10 = 10-year storm peak flow



Proposed Approach

- Adopt consistent requirements regionwide
 - Common performance criteria
 - Common applicability criteria
- Allow use of either of two approaches to HM control sizing (BAHM or sizing factors)
- Better integrate with LID treatment requirement
- Discuss at BASMAA Development Committee; bring back to Steering Committee if needed



MRP Water Quality Monitoring & Pollutants of Concern (POC) Requirements

MRP Reissuance Steering Committee
September 5, 2013

Presentation Objectives

1. Briefly review Permit provisions C.8 – C.14
2. Identify proposed priorities for discussion of monitoring and POC requirements in reissued Permit (MRP 2.0)
3. Review proposed timeline and forums for discussion of monitoring and POC requirements

MRP Monitoring & Pollutant of Concern Provisions

- ▶ C.8 Water Quality Monitoring
- ▶ C.9 Pesticide Toxicity Control
- ▶ C.10 Trash Reduction
- ▶ C.11 Mercury Load Reduction
- ▶ C.12 PCB Controls
- ▶ C.13 Copper Controls
- ▶ C.14 PBDE and Legacy Pesticide Controls

Monitoring vs. POC Control Programs

- ▶ **Water Quality Monitoring (C.8)**
 - Focused on developing a better understanding of water quality concerns and improvements
 - Informs control measures/programs
- ▶ **POC Control Programs (C.9–C.14)**
 - Implementation of actions to control pollutants that have recently or are currently impairing water bodies
 - Mechanisms to implement State's water quality restoration programs (e.g., TMDLs)

C.8 – Water Quality Monitoring

- A. Collaborative Monitoring (All C.8 Monitoring)**
 - Regional Monitoring Coalition (RMC) – Created in 2010
 - Standardized field methods and quality assurance protocols
 - Data management consistency
- B. SF Bay Monitoring**
 - SF Bay Estuary Regional Monitoring Program (RMP)
 - Contribute fair-share financially or equivalent
- C. Creek Status Monitoring**
 - Annual biological, chemical, physical and ecotoxicology monitoring
 - Includes triggers for stressor identification studies

C.8 – Water Quality Monitoring

- D. Monitoring Projects**
 - Stressor/Source Identification Studies
 - Triggered from creek status monitoring
 - Maximum of 10 region-wide
 - Effectiveness Studies – overlap with PCB/Mercury Studies
 - Geomorphic Projects
- E. Pollutants of Concern (Loads) Monitoring**
 - Tied to POC Control Programs
 - Annual storm-event monitoring
 - TMDL Pollutants +++
 - Alternative Program – Small Tributaries Loading Strategy (STLS)
 - Other related sub-provisions
- Long-Term Trends Monitoring**
 - Biennial monitoring
 - Statewide SWAMP currently conducting on behalf of Permittees

C.8 – Water Quality Monitoring

F. Citizen Monitoring

- Demonstrate encouragement and incorporation of monitoring data from citizens into annual reports

G. Reporting/Data Management

- Data comparable to SWRCB/RWQCB
- Annual electronic reporting of data
- Annual interpretative monitoring reports
- Integrated Monitoring Report (March 15, 2014)

C.9 – Pesticide Toxicity Control

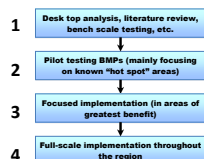
- › Controls needed as a results of toxicity in Urban Creeks
- › Controls consistent with Urban Creeks TMDL/WQAS
- › **Control Measures**
 - Integrated Pest Management (IPM) for municipal employees and contractors
 - Track and participate in regulatory processes
 - Outreach and education
 - Source control effectiveness evaluation – due with FY 12–13 Annual Report

C.11 & C.12 – Mercury and PCB Controls

- › Controls needed as a result of Fish Consumption Advisory in Bay
- › Higher priority provision (PCBs = focus of C.11/12 requirements)
- › Permit requirements consistent with Mercury & PCB TMDLs
- › Implementation via an iterative, permit term-based approach
- › Knowledge and experience gained used to determine the scope of implementation in subsequent permit terms



Phased Approach



C.11 & C.12 – Mercury and PCB Controls

- › MRP requires pilot projects to evaluate:
 - Cleanup and abatement of POC sources (5 projects)
 - Enhanced storm drain system operation and maintenance (5 projects)
 - Stormwater treatment retrofits (10 projects)
 - Pilot diversion of urban runoff to POTWs (5 projects)
 - Grant funding assisted cities/counties in implementing pilot projects
- › **Additional Control Measures**
 - Mercury device recycling
 - PCBs in building demolition materials

C.13 – Copper Controls

- › No copper impairment of the Bay
- › MRP consistent with Copper Action Plan
- › **Control Measures:**
 - BMPs for cleaning/treating copper architectural features (roofs)
 - Manage discharges from pools, spas and fountains that contain copper-based chemicals
 - Vehicle brake pads – participate and track legislation
 - Industrial Sources
 - Training & incorporating into inspection program
 - Additional Study
 - Technical study to investigate effects on salmon

C.14 – PBDEs, Legacy Pesticides & Selenium

- › Impairment not likely or MS4 contribution to impairment is limited
- › **Control Measures**
 - Characterization study & control measures plan (Due with FY 12–13 Annual Report)

Discussion Priorities

| Provision | Priority | Notes |
|----------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------|
| C.8 – Water Quality Monitoring (a–d) | Moderate | Includes Creek Status Monitoring and S/S ID projects |
| C.9 – Pesticide Toxicity Controls | Low/Moderate | Urban Creek Toxicity Issues Remain – State/Nationwide Issue |
| C.11/12 – PCBs and Mercury Controls + POC (loads) Monitoring (C.8.e) | High | Informed by Integrated Monitoring Report (IMR) – due to Water Board on March 15, 2014 |
| C.13 – Copper | Low | No WQ impacts evident |
| C.14 – Selenium, Legacy Pesticides, PBDEs | Low | Limited/No WQ impacts evident |

Proposed Monitoring & POCs Timeline

| Date | Group | Topic |
|---------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aug 29, 2013 | Monitoring & POCs Workgroup | <ul style="list-style-type: none"> Introduce topics Set discussion priorities |
| Sept 5, 2013 | Steering Committee Meeting | <ul style="list-style-type: none"> Review background information Confirm discussion priorities |
| Sept 24, 2013 | Monitoring & POCs Workgroup | <ul style="list-style-type: none"> PCB/Mercury Focus Review IMR outlines Preview preliminary IMR analyses |
| Oct 2013 | Monitoring & POCs Workgroup | <ul style="list-style-type: none"> PCB/Mercury Focus Continued discussion of IMR & WB staff concepts for C.11/12 |
| Nov 7, 2013 | Steering Committee Meeting | <ul style="list-style-type: none"> Receive update from Workgroup Continued discussion of WB staff concepts (C.11/12) Resolve Workgroup Issues (if needed) |
| Nov 2013 | Monitoring & POCs Workgroup | <ul style="list-style-type: none"> C.9, C.13, C.14 Focus Review status of control measure implementation Discuss WB staff & Permittee Concepts |

Proposed Monitoring & POCs Timeline (cont.)

| Date | Group | Topic |
|-------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dec 2013 | <ul style="list-style-type: none"> Monitoring & POCs Workgroup Mtg BASMAA BOD Mtg | <ul style="list-style-type: none"> Continue Discussion of C.9, C.13, C.14 Begin C.8 a–d (Creek Monitoring) discussion & set priorities |
| Jan 2, 2014 | Steering Committee Meeting | <ul style="list-style-type: none"> Receive Workgroup presentation on C.9, 13, 14 Discuss draft concepts |
| Jan 2014 | <ul style="list-style-type: none"> Monitoring & POCs Workgroup Mtg BASMAA BOD Mtg | <ul style="list-style-type: none"> C.8 a–d (Creek Monitoring) focus Continued discussion of concepts |
| Feb 2014 | <ul style="list-style-type: none"> Monitoring & POCs Workgroup BASMAA BOD Mtg | <ul style="list-style-type: none"> C.11/12 Focus Review preliminary findings of IMR |
| March 2014 | Steering Committee Meeting | <ul style="list-style-type: none"> Receive Workgroup presentation on C.8 a–d Receive presentation on IMR Part C Discuss Part C findings & recommendations |

C/CAG AGENDA REPORT

Date: October 15, 2013
Item: 4B
From: Matthew Fabry, Program Coordinator
Subject: Update on Potential Countywide Funding Initiative

SUMMARY

Staff will provide a verbal update on the current status of efforts related to the potential countywide funding initiative for stormwater compliance activities, in addition to the following written summary.

BACKGROUND/DISCUSSION

Enabling Legislation

C/CAG's advocacy team, upon recommendation by the State Legislative Counsel, is working with Assemblymember Mullin to amend existing bill AB 418 to incorporate language that would allow C/CAG to propose a potential countywide funding initiative to voters or property owners. Unfortunately, C/CAG was unable to get enabling legislation enacted during the 2013 legislative session, so will continue working with its advocacy team to advance enabling legislation during the second year of the two-year session. This is delaying the overall schedule for a potential initiative.

Public Opinion Research

C/CAG's consulting team completed 800 phone surveys during late June and early July to gauge public opinion regarding a potential initiative among registered voters and single family residential homeowners in the County. The surveys tested varying pro and con arguments, dollar amounts, and potential ballot language. Generally, the survey results indicated solid support levels amongst property owners for a property-related fee, with marginal support amongst registered voters for a parcel tax.

Initial design work has been completed for a mailed survey that will go to 22,000 property owners at a future date yet to be determined. Results of the phone survey informed content of the draft mail survey, and staff continues to work with the Stormwater Committee's ad-hoc Funding Initiative Steering Committee to review and provide feedback on these efforts.

Funding Needs Analysis

EOA staff completed a preliminary draft Funding Needs Analysis report that was provided to Stormwater Committee representatives earlier this month for review and comment. This report details, by jurisdiction, existing costs for compliance, anticipated future costs, and existing sources of dedicated revenue. The Stormwater Committee will discuss this preliminary draft in more detail at its October 17 meeting, and detailed comments are requested by October 25.

Funding Options Analysis

SCI Consulting Group has completed a draft Funding Options Report detailing different options and recommendations for funding the variety of tasks included in the Municipal Regional Permit. This report will be further updated to reflect the Funding Needs Analysis, once it is completed.

C/CAG AGENDA REPORT

Date: October 15, 2013
Item: 4C
From: Matthew Fabry, Program Coordinator
Subject: MRP Compliance Overview/Quarterly Check-in

SUMMARY

Staff and consultants will provide an update on any identified compliance issues and a quarterly check-in regarding upcoming compliance activities and what Permittees should have completed in the previous quarter.

C/CAG AGENDA REPORT

Date: October 15, 2013
Item: 4D
From: Matthew Fabry, Program Coordinator
Subject: Update – Other Issues, Subcommittee Updates

SUMMARY

Staff will provide a verbal update on any other issues of relevance to the committee. Also included in the written report are summaries of recent subcommittee meetings and a list of upcoming meetings and future trainings/workshops.

ATTACHMENTS

1. List of upcoming meetings and training/workshops
2. Recent Subcommittee Meeting Summaries
 - a. Commercial, Industrial, and Illicit Discharge – Sept 2013
 - b. Municipal Maintenance – August 2013
 - c. New Development – September 2013
 - d. Parks Maintenance and Integrated Pest Management – April 2013
 - e. Public Information and Participation – September 2013

Upcoming Meetings, Work Shops, Trainings, etc. for Each Countywide Program Component

MEETINGS

- Stormwater Committee – usually meets at 2:30, third Thursday of the month, as needed. Next meetings are October 17 and November 21, San Mateo County Transit District Office, City of San Carlos.
- Technical Advisory Committee – usually meets 9:30 am to noon, third Tuesday of the month, quarterly. Next meeting is January 21, City of San Mateo Main Library.
- New Development – subcommittee usually meets 1:30 to 3:30 pm, formerly first Tuesday of every other month but changing this is under consideration due to conflicting meetings. In the meantime next meeting is November 12 at Redwood Shores Library in Redwood City.
- Public Information/Participation – subcommittee usually meets 10:00 am to noon, second Tuesday of every other month. Next meeting is November 12 at Belmont City Hall.
- Municipal Maintenance – subcommittee usually meets noon to 1:00 pm (\$10.00 lunch), fourth Wednesday of the month, quarterly. Next meeting is October 23 at the San Carlos library.
- Parks Maintenance and Integrated Pest Management – work group usually meets 1:30 to 3:00 pm, fourth Tuesday of the month, approximately three times per year. Next meeting is January 28 at the Redwood City Municipal Service Center.
- Trash Control – work group meets as needed. Next meeting is November 14, 10 am – noon, at the Colma Community Center.
- Commercial/Industrial/Illicit Discharge Control – subcommittee usually meets 1:00 to 2:30 pm, third Wednesday of the month, quarterly. Next meeting is December 18 at San Mateo County Environmental Health (CEH), City of San Mateo. In addition, representatives from cities that have an agreement with CEH to perform stormwater inspections should come to a special meeting scheduled for October 24th from 1-3 pm at CEH, City of San Mateo.
- Watershed Assessment and Monitoring – subcommittee usually meets 10:00 am to noon, second Thursday of the month, approximately two times per year. Next meeting is tentatively scheduled for December 12 at San Mateo County Environmental Health (CEH), City of San Mateo.

WORKSHOPS

- Structural IPM Workshop – November 19, 2013, 11:00 am - 3:00 pm, at the Redwood City Community Activities Building, 1400 Roosevelt Ave., Redwood City.
- Stormwater Treatment Facility Inspection Workshop (formerly known as the BMP O&M Verification Workshop) - December 4 at the Foster City Community Center.
- Bay Area Hydrology Model Training - early 2014.
- Municipal Maintenance Rural Roads - Fall 2013.
- Landscape IPM Workshop – March 12, 2014 in the Wynd Room in Foster City (tentative).
- C.3 New Development Workshop - Spring 2014.
- CII Inspector training - Spring 2014.

DRAFT CII Subcommittee Report

Meeting Date: September 18, 2013

Subcommittee Actions:

- Agreed that the June 2013 subcommittee meeting summary was acceptable.

Requested Action or Feedback/Guidance (if any): None.

Other Information/Announcements:

- **Bay Area Pollution Prevention Group (BAPPG).** The BAPPG held a pollution prevention retreat. Kristin has a few of the Maintenance Tips for Pools, Spas and Fountains fact sheets if anyone needs them.
- **Illicit Discharge Responders List.** Kristin is developing a list of companies available for cleaning up illicit discharges. The list is a tool for illicit discharge inspectors who may require responsible parties to clean up illicit discharges. The responsible party may choose to hire a company or clean up the discharge themselves. The list is not meant to be comprehensive or a city's endorsement of any company on the list. Kristin requested Subcommittee members email her any additional companies they are aware of.
- **Update on County Environmental Health (CEH) Inspections.** Patrick Ledesma will hold an internal training for CEH inspectors based on issues he found while compiling data for the Annual Report. He described a new database program (Envision Connect) that can be used with hand held devices he is hoping to acquire for inspectors in the field. Kristin will help organize a separate meeting with CEH and the cities that have agreements with CEH for inspections.
- **Update on BASMAA's Municipal Operations Committee.** BASMAA has an approved project profile to expand the current surface cleaner training and recognition program to include automotive washing and carpet cleaning businesses and create a web-based application to share information about mobile businesses. This project has been delayed several years. There have been no recent Muni Ops meetings or materials to review.
- **CII Training Workgroup.** There were four attendees (Frank Henwood and Clay Dahl, Hillsborough, Steve Daldrup, Burlingame and Patrick Ledesma, San Mateo County). Patrick will make a presentation on how to perform an inspection and complete the inspection form. Patrick will also look into if there is someone from Law Enforcement that could talk at the Workshop about dealing with difficult people or threats. He will also investigate the possibility of allowing city stormwater inspectors to attend one or two meetings at the February CUPA conference in Burlingame that are related to dealing with the general public (e.g., reading body language).

Ideas for how to increase participation in the Training Work Group were discussed. At the next general Subcommittee meeting the agenda will include at least 30 minutes to discuss the Training Workshop.

- **Redwood City EPA Stormwater Audit.** On July 26th Redwood City was contacted by the EPA that they planned to evaluate the City's compliance with Provisions C.2 Municipal Operations, C.4 Industrial/Commercial Control Program and C.5 Illicit Discharge Detection and Elimination. In preparation for the audit they requested the following items by August 2nd related to C.4 and C.5

Related to C.4 (Commercial and Industrial):

- current Business Inspection Plan;
- current list of commercial and industrial facilities subject to the BIP;
- Enforcement Response Plan;
- List of enforcement actions, including the names and addresses of those facilities, that you have taken since the implementation of the ERP (April 1, 2010)
- during the audit be prepared to demonstrate legal authority and provide inspector training records.

Related to C.5 (IDDE):

- Enforcement Response Plan;
- Information related to your program for controlling mobile sources;
- List of inspections and enforcement actions that you have taken since the implementation of the ERP (April 1, 2010);
- during the audit be prepared to provide spill and dumping response flow chart, standard operating procedures for the collection system screening program, map of the MS4 and complaint tracking and follow-up database.

The EPA also expressed an interest in inspecting three commercial sites the day of the audit, August 14th. The day of the audit there was a representative from the EPA and the EPA contractor PG Environmental and Selina Louie, Regional Water Board. Patrick Ledsma, CEH, also attended. The Regional Water Board expressed concerns about cities knowing who is ultimately responsible for stormwater inspections and if the CEH inspectors follow the city's ERP for stormwater inspections in the city.

- **Other Information:** The newly designed flowstobay.org website is up. Please review the site and let Tim Swillinger, CEH or Kristin know if you have any suggestions. If you have a link to the website on your own city's website it may be broken. You should check any links to the flowstobay.org website and reset them as needed.

Subcommittee Work That Affects Other Subcommittees: None.

Next Steps: Kristin will send out the Draft meeting minutes, with the Redwood City EPA audit information, to the Subcommittee earlier than the next meeting.

Next Meeting Date: The Subcommittee is scheduled to meet next on Wednesday December 18, 2013 at 1:00 pm.

DRAFT SUMMARY

Municipal Maintenance Subcommittee Meeting – San Carlos Library Community Room

Meeting Date: August 28, 2013

Subcommittee Actions:

1. Agreed that the summary of the March 2013 subcommittee meeting was acceptable.

Requested Technical Advisory Committee Action or Feedback/Guidance (if any): None

Other Information/Announcements:

- **Open Forum Discussion on Maintenance Issues.** The group discussed if municipalities have preventative maintenance programs that include videoing storm drain lines. Some municipalities will video storm drain lines only if there are problem areas or issues, such as flooding. At least one municipality does do preventative video inspections of their entire storm drain system every five years.

An email was sent earlier this month to remind agencies to perform FY13-14 corporation yard inspections before the start of wet season, by the end of September. Kristin will send another email reminding agencies to collect two dry season DO samples at pump stations before the start of the wet season.

Redwood City discussed the EPA's recent evaluation of their MS4 stormwater program for compliance with Provisions C.2 Municipal Operations, C.4 Industrial/Commercial Control Program and C.5 Illicit Discharge Detection and Elimination. In preparation for the audit EPA requested the following items related to C.2:

- a list and map of pump stations, if any;
- a list of municipal facilities (e.g., corporation yards);
- SWPPPs developed for these facilities;

EPA also informed Redwood City that during the audit city representatives should be prepared to provide copies of inspection forms from corporation yard inspections and standard operating procedures for sidewalk and plaza maintenance and pavement washing. During the audit, EPA

- asked municipal maintenance staff for documentation of their daily activities;
- inspected the corporation yard;
- observed cleaning of a storm drain catch basin, drop inlet and ditch;
- asked if staff knew what to do if there is a sanitary sewer overflow; and
- asked how many trash capture devices the City has, where are they located, and how often are they cleaned.

There was not enough time for the EPA to visit a pump station as they originally indicated would happen on the day of the audit.

The subcommittee had some discussion on graffiti removal and prevention tools. Daly City has put flash cameras in graffiti problem areas. The camera has a motion detector that triggers taking of a flash picture. In low traffic areas the camera also provides a verbal warning that a picture was taken. The area is also posted with signs that it is under surveillance. These cameras have eliminated the graffiti problems where they are posted. The cameras cost roughly \$5,000.

The Environmental Crimes Department of the County District Attorney's Office may be able to lend cities video cameras to assist with illegal dumping or graffiti problem areas.

City of San Mateo uses a phone application (app) to take a picture of the graffiti area. The picture is sent to the Police Department and a company that will paint over the graffiti (using the picture to match the correct paint color needed). The graffiti removal company is GPC (Graffiti Protective Coatings, Inc.). For more information you can visit their website <http://www.graffiticalifornia.com/index.html>. The app is the Target Graffiti™ app and GPC services are not required to use the Target Graffiti system (<http://www.graffiticalifornia.com/tracking.html>).

- **Municipal Maintenance Workshop.** The evaluations were generally positive about the workshop. Vince Falzon mentioned the vendor from the workshop, Eco₂Clean Dry Ice Cleaning, is currently not operating. Their business model was not working and they are attempting to begin operation again in the near future.
- **Rural Roads Workshop.** The MRP requires training for rural public works maintenance staff on the rural roads BMPs at least twice within the 5 year permit term. The agencies that reported they had rural roads in the Annual Report are: San Mateo County, Atherton, Half Moon Bay, Hillsborough, Portola Valley and Woodside. The definition of rural is any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space land uses. SMCWPPP will hold a workshop in Fall 2013. There will be a morning class room session and an afternoon field session. Larry Carnahan, Half Moon Bay, volunteered to assist with finding a meeting room for the morning session. Kristin will contact Steve Fischer from the County to see if he can volunteer an area for the field session in the Half Moon Bay area.
- **Future Assistance Needs.** Kristin asked the group to think about any assistance and/or products that would be useful to help municipalities with MRP compliance this FY. Kristin will ask if the Filtrexx vendor would like to come to the October Subcommittee meeting.

Subcommittee Work that Affects Other Subcommittees: None

Next Steps: Kristin will ask if the Filtrexx vendor would like to come to the October Subcommittee meeting. Kristin will send out Draft meeting minutes to the Subcommittee with information on the City of San Mateo graffiti App and the Redwood City EPA Audit.

Next Meeting: The next meeting will be held on October 23, 2013.

DRAFT New Development Subcommittee Meeting Summary

Meeting Date: September 17, 2013

Present: Andrea Mardesich, Atherton; Gilbert Yau, Belmont; Ken Johnson, Brisbane; Stephen Daldrup, Burlingame; Muneer Ahmed, Colma; Jeanne Naughton, Daly City; Michelle Daher, East Palo Alto; Jill Bicknell, EOA; Christina Horrisberger, Pacifica; Gavin Moynahan, San Carlos; Ken Pacini, City of San Mateo; Camille Leung, County of San Mateo; and Rob Lecel, South San Francisco.

Subcommittee Actions:

1. Approved summary of the June Subcommittee meeting.
2. Approved the C.3 information flyer with modifications.

Requested Stormwater Committee Action or Feedback/Guidance (if any): None

Requested Technical Advisory Committee Action or Feedback/Guidance (if any): None

Other Information/Announcements:

1. **Announcements.** Jeannie Naughton is stepping down as Chair. Andrea Mardesich volunteered to be the new Chair. EOA will be submitting the list of newly installed treatment facilities to the Vector Control District by October 1 on behalf of SMCWPPP agencies. Peter Schultze-Allen will be joining EOA in October and assisting the Subcommittee.
2. **C.3 Technical Guidance Update.** Heard about the status of revisions to the document (Version 4.0). Updates are in progress.
3. **C.3 Information Flyer Update.** Reviewed final draft update of the C.3 Flyer and provided additional edits. The Subcommittee approved the flyer as final with the revisions. Rob Lecel will provide a local photo of pervious paving.
4. **C.3 Regulated Projects Checklist.** Briefly reviewed types of changes needed to current checklist. Formed a work group to discuss in more detail. Camille Leung and Michelle Daher will participate and share the versions of the checklist that their agencies use.
5. **BMP O&M Verification Workshop.** A workshop is being planned for Fall 2013 (dates and location TBD). A work group is being formed. Steven Daldrup and Camille Leung (with help from Diana Shu) offered to provide case studies/lessons learned from their inspections.
6. **Bay Area Hydrology Model Update.** Heard about the status of the BAHM update and plans for trainings. The beta version of the model and the draft User Manual are completed and in the process of review. Trainings have not yet been scheduled. Ideas for training locations were requested.
7. **California Plumbing Code Update.** Heard about the 2013 Plumbing Code update, which includes requirements for rainwater harvesting systems, and local agency activities to adopt the new code. The new code takes effect January 1, 2014.
8. **Construction Site Controls.** Heard about plans to make a presentation to the California Building Inspectors Group (CALBIG) on October 9, and provided input on the content.
9. **Group Membership in CASQA Construction BMP Portal.** The Countywide Program has purchased a group membership for use by staffs of the member agencies, and the username and password will be provided by email.
10. **BASMAA Development Committee Update.** Received an update on the C.3 issues discussed at the September 5th MRP 2.0 Steering Committee meeting. The final Green Street Pilot Project Summary Report was submitted to the Water Board on September 16. The next regional submittal is the LID Feasibility Criteria Status Report, due to the Water Board on December 1, 2013. The draft will be sent to the Subcommittee in mid-October for review.

Work That Affects Other Subcommittees: None.

Next Steps for Subcommittee members:

- ➔ When you receive the username and password for the CASQA Construction BMP Portal, distribute it to agency staff, including construction site inspectors and building inspectors.

Next Steps for Program Consultant EOA, Inc.:

- ➔ Complete updates to the C.3 Technical Guidance.
- ➔ Set up and conduct a meeting with the C.3 Regulated Projects Checklist Work Group.
- ➔ Complete revisions to the C.3 flyer to incorporate the Subcommittee's final edits, distribute to Subcommittee members, and post on the website.
- ➔ Continue to plan the BMP O&M Verification Workshop and solicit participation from member agencies.

Next Meeting: November 12, 2013



DRAFT
Parks Maintenance & IPM Work Group Meeting Summary
City of Redwood City's Municipal Service Center

Meeting Date: April 23, 2013

Requested Stormwater or Technical Advisory Committee Action, Feedback, or Guidance (if any): None.

Summary of Each Meeting Agenda Item:

Introductions, Announcements, Changes to Agenda, Review of April Draft Meeting Summary

- Self-introductions were made and there were no changes to the agenda.
- Jon Konnan with EOA will replace Kristin Kerr as the program staff that facilitates this work group. Jon will be assisted by Vishakha Atre of EOA. Vishakha works with the Santa Clara Valley stormwater program pesticides committee, facilitating coordination between the two programs on pesticide issues.
- The group agreed that the summary of the January meeting was acceptable with the correction of one typo.

SMCWPPP PIP IPM Advocate

- Tim Swillinger of County Environmental Health (CEH) introduced a new CEH employee, Suzanne Bontempo, who will work as a new SMCWPPP PIP IPM Advocate for the Our Water Our World project. Suzanne has a horticulture background and works with Andrew Sutherland of UC Davis.

February Landscape IPM Workshop Evaluations

- The group reviewed the February 27th Landscape IPM Workshop evaluations and discussed ways to make the next workshop more effective. The evaluations were very positive and attendance (79 people) exceeded past years.
- The group agreed that including Andrew Sutherland of UC Davis as a presenter again in the future is desirable. Ali Harivandi of the UC Cooperative Extension is a good resource for turf grass and should be invited perhaps every other year.
- The workshop was held in the Wind Room in the Foster City Library, a central location that worked out well and is generally more desirable than the Belmont Sports Complex or the Mission Blue Center.

Structural IPM Survey

- The group reviewed the survey results and discussed next steps for reaching out to this new group (e.g. workshops, meetings, etc.). City staff should invite their contractors to future structural IPM workshops.



Pyrethroid Working Group Videos

- The group watched instructional videos for pest control operators developed by the Pyrethroid Working Group (available at <http://www.pwg2pmp.com>). The videos emphasized compliance with new California regulations for pyrethroid application. Jeremy Eide noted that these new regulations are enforced by County Ag.

Share Information on Park Maintenance Type of Issues That Affect Water Quality

- Valerie Matonis noted that Redwood City is applying an iron-based broad leaf control agent (Fiesta) in some test plots. She will brief the group in the future on its effectiveness. David Moore of Neudorff North America emailed Kristin regarding two products they offer, including Fiesta. David could provide a brief presentation at future meetings if the work group thinks this would be helpful.
- It was noted that artificial turf was a SMCWPPP landscape IPM workshop topic in the past.

Discuss Possible Future Meeting Topics and Agree on Next Meeting Date and Topics

- Next meeting in August 27th and potential topics will include:
 - Planning the fall structural IPM workshop.
 - The effectiveness of Menlo Park's program to use goats for weed abatement.
 - Discussing the draft Pesticides Source Control Actions Evaluation Report due September 15, 2013. MRP Provision C.9.g requires this report on the evaluation of source control actions implemented related to pesticides. This evaluation report will be submitted in the Countywide Program Annual Report (individual agencies will not need to take any additional actions for Provision C.9.g).

Next Meeting Date: The next work group meeting is scheduled for August 27, 2013.

DRAFT

Public Information and Participation Subcommittee Meeting Summary
Environmental Health, San Mateo County

Meeting Date: September 10, 2013

Subcommittee Action: Approval of minutes from July 9, 2013 PIP meeting

Requested Technical Advisory Committee Action or Feedback/Guidance (if any): none

Announcements

- Environmental Health has been asked by C/CAG to extend the current workplan to December 31, 2014 from the current end date of June 30, 2014, in order to accommodate the timing of the new MRP and associated RFPs that will go out. The goal is to assure continuity of the outreach program during this transition time. Once approved, the new workplan will be available to the subcommittee.

Fall Events and Coastal Cleanup Day Update

- Environmental Health has conducted the following outreach events in the new fiscal year, since the last PIP meeting: Carl's Crazy Car Show (San Mateo) August 10; Half Moon Bay Farmer's Market, August 10; North Fair Oaks Festival, (County of San Mateo) August 25. Currently scheduled events for the fall include the Daly City Farmer's Market, date tbd. Cities that have events requiring EH support, please provide a minimum of two weeks advance notice for staffing and logistics.
- The Coastal Cleanup Day Site Captains' Meeting was held on August 28 at the offices of Environmental Health. There were a total of 22 Site Captains at the meeting. This year, there are 29 public sites and 2 private sites, plus several sub-sites under the Pacifica Beach Coalition. There is a Google Maps page of the cleanup sites that has received over 1200 views since August 1. Home Depot San Carlos has donated 300 buckets to four sites. Over a dozen posts each on both Twitter and Facebook have gone out so far, with more planned. Seven public schools have contacted and confirmed a classroom cleanup at their school on the Friday before CCD, in these cities: Menlo Park, Millbrae, San Bruno, San Carlos, San Mateo, SSF, and La Honda. Please contact Julia Au if you would like specific information about these schools, need more materials, or want to request data from cleanups in your city.

Website and Social Media

- Current count of Twitter followers is 302, and increase of 20 since the last PIP meeting. Facebook likes for flowstobay are currently at 286, and increase of 96 since the last PIP meeting. On August 1, EH launched an Instagram account for flowstobay. The address is Instagram @flowstobay. This is a smartphone application that allows for pictures to be posted to a page that can be viewed on other phones or the internet. There are currently 33 followers since its launch.
- The migration of the website to a new content management system was completed on August 28 and the new website is now live. The committee was given a tour of the site by Environmental Health. Minor improvements will be made over the coming months to make navigation smoother.

Watershed Groups Team Effort

- The new Team Effort campaign that falls under the Watershed Stewardship Collaborative component, Section C.7.f, is focused on building a network of groups outside of the usual environmental groups and agencies, therefore growing a community of stakeholders in watershed protection. To manage and facilitate this effort, EH has implemented a new constituent management system software, known as Salsa. This software enables us send out bulletins, newsletters, and other information targeted at groups

based on their interests, and track those areas of interest as well. Any cities that have contacts for groups, please forward to Kathryn Cooke.

- **Car Wash Outreach**

Currently 184 car wash coupons have been returned since March. A few car washes are neglecting to collect the coupons; therefore the returns are likely higher. EH plans to run some advertisements before the rainy season starts to try to increase requests for coupons. More cards and coupons are being printed and will be available soon.

Regional Campaigns Report

- *BASMAA Regional Litter Campaign:* The committee was given a presentation by SGA on the next phase of the campaign, which is moving toward getting the community that has been built into action. This focus will involve a smartphone app that requires membership, and will consist of a game that uses Google street view and photographs to prompt users to take action. More details will come as the app is developed in the coming months.
- *BASMAA Media Relations:* The workplan for 2013-14 Regional Media Relations will conduct six regional pitches with companion versions for local distribution. The first pitch will be related to an anticipated report from BASMAA on the effectiveness of the Green Streets program. The second will likely be related to the development of the OWOW app, the third related to MRP negotiations and the public's role in reducing trash, and the fourth related to environmental issues tied to holiday activities (gift wrap, flocked trees, recycling, etc). The last two will again be related to trash and pesticides, but specific topics have yet to be determined. The draft workplan was provided to the committee.
- *BASMAA Regional Pesticide Campaigns:*
 - OWOW: IPM advocates completed first year, close to 150 individuals trained in 14 stores, and are now focusing on fall garden promotions. Data will be gathered to determine if there is an increase in sales for less toxic products this year compared to last year. Home Depot corporate headquarters is increasing support for OWOW success, with talk of expanding the program. OSH's sale to Lowe's may lead to having OWOW in Lowe's box store as well as continued presence at OSH. Chinook Book is working on the OWOW smartphone app, with a target launch in spring. Online OWOW materials are being evaluated for Spanish translation. Locally, Roger Reynolds Nursery in Menlo Park has gone out of business as of September 3, but this loss will be offset by adding Lyngso Landscaping Supply in Redwood City. Once everything is set, the website will be updated.
 - Got Ants: The campaign is requesting local support by asking jurisdictions to log on and take the pledge, and help promote the program. Please go to www.gotantsgetserious.org.
 - Bay Protection and Behavior Change – Based on advice from a variety of consultants, the executive group is putting together an RFP to begin the process again with professional support.
 - Greener Pesticides for Cleaner Waterways – Aside from funding the IPM advocates internships, this grant was designed to capitalize on branding project which has stalled. EPA has offered to revise the scope. Under consideration is to amplify existing programs like OWOW and Got Ants to statewide level, strengthen IPM advocates program, and to strengthen connections between the pesticide programs. The first step in this direction relates to funding the development of the OWOW app.

Subcommittee Work That Affects Other Subcommittees: Working with the Trash Committee to garner interest for National River Cleanup Day.

Next Meeting Date: November 12, 2013, at Belmont City Hall, room to be determined.